1:Gallin E-4,5 (1957-1958) 1966
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the farmer who owns paddy land to grow rice. If the farmer substitutes vegetables or some other cash crop, he must nevertheless pay his land tax in rice and sell rice to the government at the official price as well. Therefore, in order to have the rice to sell to the government at the official price, the farmer who does not grow rice is forced to buy it on the market at a much higher price than he will get from the government.

IRRIGATION: ANOTHER EXTERNAL FORCE

The basic economy of the Hsin Hsing area is directly dependent upon the irrigation system. If the land did not receive water through this system, the present sizable agricultural production would not be possible and certainly could not support the large population in the area. The yearly rains usually come in one short season in late May, June, and July, and would be of little value if the water were not stored and channeled to the land at the proper time through elaborate irrigation works. The irrigation water is so important that it frequently causes social conflict between individuals and even between whole villages.

The Hsin Hsing area, and much of Taiwan, is served by two different types of irrigation systems. By far the most important is the public system, which is organized and operated by the Water Conservation Bureau through the Water Conservation Association. Under their administration water is distributed to the major portion of the land in the area. The second system is private and is administered by privately organized cooperative water-pumping associations. The pumping stations of these associations have recently extended the distribution of water to many formerly nonirrigated fields. The cooperatives build their own pumping stations, which draw water from rivers such as the drainage river behind Hsin Hsing, and then use private, and sometimes public, irrigation ditches to transport the water to the fields of its members. (See map 3, showing Pu Yen Hsiang villages and irrigation system.)

The Public Irrigation System

The public irrigation system is organized and operated under the direction of the government. The agency in control, the Water Conservation Bureau, is subordinate to the provincial government's Department of Civil Administration and under the official guidance of the Water Conservation Bureau is the Water Conservation Association, which is made up of a membership of the many farmers who use irrigation water. Theoretically, this association operates and controls the irrigation system, but actually, it is under the authority and direc-

[Text continues on p. 81.]

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tion of the government bureau. The association, like the Farmers' Association, is supposed to work for the benefit of its members.

The Hsin Hsing area is a member of the Chang-hua Water Conservation Association. The association is broken up into four district associations, which are further subdivided into smaller working units, each unit having its own area office. Every district association elects representatives which in turn elect an executive body to determine policy. Each working unit elects a man to be its "small water unit chief." It is the job of this individual to see that the distribution of the irrigation water goes smoothly in his area and to report any problems to the Water Conservation Association. These men, like the representatives and the members of the executive committee, receive no pay for their work. However, the association does employ a number of people in the various offices in each area who are responsible for the actual operation of the irrigation works.

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In the Hsin Hsing area, the elected representatives and small water unit chiefs of the Water Conservation Association are all relatively wealthy men and for the most part belong to the landlord class. The villagers consider these people "local gentlemen" because "they work for the local area," and therefore the villagers like to vote for them. The economic position of these local gentlemen is secure, and they have enough education to be in a position to contribute to the local area and work for the benefit of the people. "If a man's family does not have enough to eat, how can that man contribute anything to the area?"

The farmer membership of the association pays the expenses for the operation of the irrigation system by the association. Although the money they pay is called "membership dues," the farmers refer to it and consider it to be a "water tax." The money goes to the Water Conservation Association and is used to pay the salaries of the hired workers and to maintain the irrigation system. Part of this money goes to the Water Conservation Bureau as a "kind of water rights tax, just as the bus company pays a tax for road rights."

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The irrigation water supplied to the Hsin Hsing area is carried by many rivers from the interior mountain area of Taiwan. Once in the plains area, a series of dams on the rivers divert some of the water into long canals which run alongside the rivers. These canals then turn inland at a point just before the site of the next dam, so that the canals are not continuous. Along each of these canals is a series of smaller water gates, each of which feeds the water into narrower irrigation ditches which go off for long distances between the fields and become narrower as the water supply lessens. If the water level in the irrigation ditch is higher than the field surface, a small opening made in the ditch wall allows the water to flow into the fields. If, however,

1:Gallin E-4,5 (1957-1958) 1966
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turn and ahead of time. Frequently, when this or some other form of stealing water occurs, there is physical violence. Since a concentration of fields in a small area is likely to be cultivated by farmers from several villages, violence between individuals often causes animosity between villages.

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Sometimes when the water supply is short, it is very late in coming through the irrigation canals to the Hsin Hsing area because it is being held up at a gate in the water head area. If this creates an emergency, equipment is brought in to pump the water directly from the river into the canal and then into the ditches of the area. The operation of this pumping equipment is almost entirely paid for by the Water Conservation Association, but at the same time, part of the expense of maintaining the pumps must usually be borne by the farmers of that area.

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When a serious water shortage occurred in 1958, it was after many requests by the farmers of the area and through the efforts and influence of their small water unit chief, a rich landlord, that pumps were finally brought in. However, instead of the pumps being installed immediately, problems developed which delayed their use for several days. Those farmers who were mainly from one village with land in the water head declared that they would not participate in paying the extra costs of operating the pumps. This unusual noncooperative attitude was the result of bad *kan-ch'ing* between themselves and the farmers from other villages over the election of the small water unit chief.

The farmers with fields in the water head were receiving what little water was coming through the system. In addition, when the pumps brought in more water, these farmers felt free to continue to use the water since it ran through public ditches. Therefore, the farmers with fields toward the water tail decided that they too would refuse to pay for the pumping so long as the people in the water head were taking the water without paying for it. They also felt that by the time the water reached the water tail under the normal rotation system it would be too late to be of use. Therefore, they insisted that everyone, including the farmers of the water head area, share in the costs of pumping and also that the normal rotation order under which the water tail received the water last be changed. Since most of the water coming through the irrigation system would be pumped into it, they insisted that all the farmers draw lots to determine the order of rotation. Because the villages of the water head refused to participate in any such arrangement, the Water Conservation Bureau office and the local police were asked to settle the dispute. These officials agreed in this instance that the rotation order should be determined by drawing

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lots. However, the farmers of the water head area still refused to take part, and the Water Conservation Bureau and the police who had been requested to intervene then told the farmers to mediate the dispute themselves.

Dependence upon mediation as a primary solution to all disputes seems to be as common in rural Taiwan today as it has traditionally been. The reason for this is that rural people usually do not wish to become involved with the authorities and so seek to mediate most problems among themselves. The person who immediately takes a dispute to the authorities is considered unreasonable. If the problem is recognized as being severe, and it does become necessary to take it to the authorities, too often they—including the police, courts, and local civil officials—do not wish to become involved in local problems. Involvement costs them time and trouble and may mean making enemies. Therefore, wherever it is at all possible, the authorities insist that the disputants mediate their own problem.

However, in the mediation of disputes, one of the disputants not uncommonly has an advantage, simply because he is more powerful, that is, has more prestige, money, and influence. Although the idea of reasonableness of disputants' demands is inherent in the concept of mediation, such a powerful disputant is not likely to be particularly reasonable in his demands for settlement.

This was the case in the above mentioned irrigation problem. Obviously, in order to change the rotation order successfully, all farmers concerned had to be in unanimous agreement. However, the farmers in the water tail area could do little to force the issue, since the farmers in the water head area had nothing to gain by cooperation. Finally, as the situation became critical, the pumps were put into operation by the small water unit chief and his assistants in order to try to save the rice crops. The allocation of the excess expenses for operating the pumps was left for a later decision.

While for the most part the public irrigation system runs smoothly as long as there is enough water, there are occasions where a lack of cooperation upsets the operation of the system and the fair distribution of water to all. There have been a few occasions when several men from a large village in the water head area opened the dam on the river so that little water flowed into the canal and down to the water tail. They did it simply to make it easier to catch fish. This demonstration of complete lack of social responsibility toward their fellows was condemned by all the villagers whose fields were affected by the cutoff of the water supply. However, the villagers of the water head area, who were not affected, did not actively censure their fellows even though they did not condone the act. The apparent lack of concern for the welfare of people of another area is not unusual. In this case the

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312 474 servation Bureau and Association and can therefore exert a great deal of influence if any problems should arise in dealing with these agencies.

[653] The farmers who receive water from private irrigation systems must also be members of the area Water Conservation Association, and therefore pay for the use of the water which is considered public. Water is usually distributed among members of the pumping station cooperatives on the basis of rotation, the order of which is determined by drawing lots. The land of some farmers served by the pumping station was formerly nonirrigated, so these men had to dig their own irrigation ditches. However, some members of the cooperative also cultivate paddy land which is in the water tail area of the public irrigation system. In these cases, when the farmers joined the cooperative, the public irrigation ditches were frequently used to carry the privately pumped water to their land, usually at times when there was no public irrigation water coming through the ditch. The use of these public irrigation ditches for the water pumped by the cooperative is sometimes responsible for disputes and even violence, as will be seen in the case of a Hsin Hsing farmer who was not a member of the large cooperative. Li Fan took water for his field from the public ditch. Two members of the cooperative accused him of stealing the cooperative's water, claiming that there was little public water coming through at the time, and beat him severely. This incident caused controversy and antagonism between Hsin Hsing and Ta Yu, the village in which most of the members of the cooperative lived. When mediation yielded no solution to the conflict, the villagers finally resorted to the courts. (This case is described in detail in Chapter 6.)

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The building of these pumping station cooperatives has greatly increased agricultural production for the lands they serve. Much of the land they irrigate was formerly dry land producing only such crops as sweet potatoes, special broom grasses, cucumbers, and peanuts. Today, these same lands are good rice producers. In addition, the lands benefiting from the private irrigation systems can usually receive water earlier than the surrounding water tail land which gets water from the public irrigation system. Consequently, while the water tail land frequently receives too little water too late, the land privately irrigated by the pumping stations usually receives ample water much earlier. This means that farmers benefiting from the private irrigation systems rarely have any difficulty in planting and harvesting according to the dates specified by the agricultural calendar.

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312 571 628 Thus, the expansion of the irrigation network, both public and private, has required villagers to involve themselves with people and government in places where they previously had few, if any, relations. Irrigation networks cross village and even area boundaries. Although

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612 666 with a large circle of loyal *ch'in ch'i* campaigners tends to win added personal respect in the area as a result, and when a man does not support his *ch'in ch'i* in an election, it is likely to prove embarrassing to both the candidate and his relatives. The recent importance of elections in Taiwan has unquestionably added to the cementing of good *ch'in ch'i* relationships.

612 666 653 474 It is not only the official governmental elections which depend heavily on *ch'in ch'i* relationships. There are other elections in the local area which are important to the villagers and in which the candidates again often depend heavily on their relatives. Local nongovernmental offices like those in the Water Conservation Association are extremely important to the area. This association has a great deal of control in the building and repairing of irrigation works and in generally controlling the flow of water to the rice paddies. There are also important elected officials in the district Farmers' Association, and *ch'in ch'i* play an important supporting role in the campaigns for these positions.

612 618 666 The support by people for their *ch'in ch'i* candidates for various offices is, of course, not based solely on loyalty to one's relatives. Like all *ch'in ch'i* relationships, these too are expected to be reciprocal. When a village or small group of neighboring villages has problems such as a court case or repair of a faulty irrigation system or a regularly flooded road, the suggestion is frequently made to send a certain villager to ask the aid of his *ch'in ch'i* who happens to hold some office, however minor, in which he could conceivably exert some influence on the government or private agency. Well-placed *ch'in ch'i* can be of great help if there is good *kan-ch'ing* and a feeling of obligation exists. Of course, a *tsu* relative in an official position is even more desirable, but in an area of small kinship groups one's *ch'in ch'i* may tend to outnumber one's patrilineal relatives, extend into a wider geographical area, and so offer greater possibility for aid. Even when a *tsu* member runs for public office in the local area he can ask and expect each of his many *tsu* relatives to solicit aid from *ch'in ch'i*. Although few villagers are actually involved in elections, the *ch'in ch'i* relationships which may be activated in behalf of a candidate are many and far-reaching.

628 612 The matrilateral and affinal relationships which have been described for Hsin Hsing village are not unique to particular families but are general throughout the village. And since such relationships are reciprocal, the same *ch'in ch'i* relationships described for Hsin Hsing village would tend to exist in at least as many villages in which Hsin Hsing people have contacts through marriage and adoption. The extravillage *ch'in ch'i* relationships thus tend to give the villager an additional source of security which can supplement what he derives from his intravillage relationships. Although they are not institution-

648 village homes were destroyed. Similar results obtained
579 in the other villages in Talei Li. This event was within the memory of older informants who were quite incensed about the destruction of innocents. On other occasions, there were no doubts that the villagers had cooperated with the bandits, supplied recruits, and benefited financially from their activities.

648 Soon after the above punitive expedition, a police
177 station was established in the village temple and it was
[625] periodically staffed for irregular periods until the late thirties with a detachment of two or three men. It was a branch of a more important and permanent station in Pouti which, in turn, was a branch of that in Hsin Tien (see Figure 1 for relative locations).

The destruction of village homes did not mark an auspicious beginning for the occupation. The Japanese
[778] employed other oppressive measures as well. As part of
[776] a Japanization process, they destroyed ancestral tablets and forced villagers to worship Japanese Shinto gods. It became necessary to learn Japanese in order to conduct business with the government. The policemen carried long
[46] sticks and beat transgressors on the spot. They also
[653] impressed village men into labor battalions for road and sanitation work. There was great resentment over corvee work at locations not in the immediate village area.
[829] Nevertheless, these activities did not destroy positive

621 fertilizer. The expansion of production in the coal mines
[433] and industrial growth have meant more non-agricultural
[464] economic opportunities for villagers. The extent of demo-
[571] cratic participation in decision-making processes has in-
[871] creased. The li now has its own school with attendance reaching nearly 100%.

632 As part of a war dispersal process, the government
648 established a branch of the Communication Bureau in Wulei, the last village in Talei Li (see Figure 2). Most of the Bureau's employees live in company housing. Since they are nearly all Mainlanders, the former Taiwanese residents had to move out. Although Wulei is still officially part of Talei Li, its Mainlander residents do not participate in li politics or li religious affairs. The children do not even attend the li school. Instead, they travel daily to a school in Hsin Tien which has a much higher academic reputation. The attitudes of the Mainlanders in Wulei towards the Taiwanese are characterized by a high level of ethnocentrism. They frequently curse the Taiwanese and berate them.

494 To facilitate transportation to the Communication
648 Bureau, the government blacktopped the road all the way
[492] from Hsin Tien to Wulei. A small bus company maintains a
[653] route from Hsin Tien to Wulei and back nine times each day. Mainlanders seldom travel on the bus however, possessing a private bus on which only Bureau employees and

632 registration, village records and the draft. He assists the mayor in maintaining records and visits Talei Li once or twice each week. Most li secretaries are young and reasonably well educated. Talei Li's current secretary is a young normal-school graduate having completed two years of college.

651 626 653 In spite of the above formal procedures, there are still elements of traditional local control. Taxes are raised rigorously with legal penalties for non-payment much like they are in the United States but there are significant differences on another level. For example, the li needed a major repair to a bridge and the li school required an additional classroom. Procedures for acquiring these items were identical, a combination of formal and informal taxation. Out of the regular taxes, higher level government units agreed to match locally-raised money to pay for the items. After much investigation and analysis and many community meetings, a certain sum was declared to be required for each project. The mayor and lin chang distributed assessments to village households on the basis of wealth and ability to pay. There is no fixed basis for this distribution. The committee talks about who can pay what based on their reputation and since everyone knows a lot about each other's financial situation, this is fairly easy. The general analysis is based on land holdings, size of family, and income, but special

651 allowances are made for those who have had a heavy recent
• 653 expense such as a wedding. The range of assessments was
626 from $2.00 to $100.00.

The lin chang collected the money and gave it to the mayor to deliver to the government. This was all done informally, i.e., no legal pressure could be brought on an individual who refused to contribute. There would be community pressure for by refusing to cooperate a man would be failing his neighbors. In a close-knit community, one never knows when cooperation is needed; a poor man needs employment, and a rich man must hire laborers and at critical periods, the area has a slight to severe labor shortage.

746 Some social welfare support trickles into the com-
[797] munity from outside through various governmental levels and even through missionary groups which distribute United States government surplus. Other welfare is on the basis of kinship. However, the local community does assume limited responsibility for its own indigent on a community basis as previously described. There is a proverb, "A good neighbor may be more important than a distant relative" (see Glossary C).

The Farmers' Association

494 The Farmers' Association is a quasi-governmental
241 unit which operates as an important link between farmers

361 621 the permanent temple committee.

The <u>chia chang</u> in the "below the water" neighborhood possess many different surnames. This area has the second ranking store in terms of sales but it is more modern with the only freezer and one of the two television sets in the village. A higher percentage of its population is engaged in other than agricultural pursuits. This section also includes both the active village tea processors who purchase tea leaves from farmers.

The portion across the river includes two "compounds" (one of which was illustrated in Figure 12) and two isolated households. This neighborhood may best be viewed as a residual category for there did not appear to be any behavior as a collective unit and no competition with the other two neighborhoods which sometimes compete with each other.

For example, the village had an opportunity in 1964 621 653 666 365 to establish a central water system which required building a water tower and installing a pump and lines so that each house could have running water. To participate, the village would have to achieve two-thirds approval in an election and raise half the requisite cost locally by the informal process previously described, i.e., by contributions rather than by formal taxation. Residents of the "above the water" neighborhood were naturally in favor of the construction since they did not have any running water. "Across the water" people were neutral, willing

to support the majority but with a tendency to favor the dominant neighborhood for the two "compounds" located across the river were both agnatic relatives of the Liao who were the most common in the dominant neighborhood. The "below the water" people were against the installation for most already had a form of running water (the plastic hoses) and could gain few benefits for the large investment which would be required.

Active campaigning ensued. Arguments on one side appealed to village pride and to unity, the entire village working together so most would benefit while the opposing position stressed costs explicitly, but tapped some underlying resentment against the dominant neighborhood. Some appeals to the expenses required found favor among some "above the water" residents. The sworn brothers association cut across neighborhood divisions and stayed neutral, i.e., they did not actively campaign for either position. Since the Liao relatives in the "below the water" neighborhood voted on the basis of their pocketbooks and not on the basis of kinship, the proposal was defeated. There appears to be little local resentment and most of that is directed at a higher level government unit, the county, which set the district to include the entire village rather than the part which did not already have running water.

These two neighborhoods became factions which were mobilized around a specific issue, installation of the

625 and it thus is a unifying force since there are presently
632 55 members, 18 of them from Sanlei. As stated, Sanlei often mounts its own patrol in periods when the li patrol is not active. The fact that Sanlei is the only li village that mounts this extra patrol supports my contention that Sanlei is more integrated.

Corvee

• 653 651 There has been a tradition in China of using local labor for civic works, road repair, bridge construction, public building maintenance, etc. Local villagers are
653 assessed so many days of service per year. The system of
648 corvee was continued under the Japanese but was quite harsh for every adult male had to contribute a heavy amount of labor every year. The work might be performed locally, but some men were conscripted into work groups and taken from the village for two-week periods, usually to dig ditches or work on road maintenance. During World War II, several village men were conscripted into Japanese labor battalions. One village man worked at the American prisoner of war camp near Taipei. Several li men were taken to other islands under Japanese control: two went to the Philippines and were returned by the Americans after the end of the war. Their earnings were in Japanese Yen and are still on deposit in a Japanese bank and will not be returned until after treaty negotiations between the Republic of China and Japan are

653 648 concluded although the enormous post-war decrease in the value of the Yen has made the savings minuscule.

633 651 The system of corvee labor has continued under the Chinese Nationalists but is now considered to be much more equitable. Labor is still required but the load is light and accomplished only in the immediate area of Talei Li. Moreover, it is possible to buy your way out of the [465] required labor. Since $10.00 is recognized as the equal of a full day's corvee labor while $50.00 constitutes a normal day's wages, the work can be seen to be considered very light. The rich tea owner and processor previously discussed does no corvee work but his $10.00 contributions are used for the material which might be required such as nails.

Nevertheless, it is desired that everyone possible work on corvee projects. Most villagers respond to the appeals which are made to civic pride and do participate. The work projects are treated almost as a game for no man 653 works very hard. Since a villager accumulates a day's 461 corvee labor credit for working on any project either for 651 a day or until it is completed whichever is less, most projects are overloaded with workers and each man contributes little labor. For example, a foot bridge was built across the creek when the water was quite high from the winter floods. The Li Chang (mayor) and I estimated that the bridge could have been completed in a single day by three or four men. However, twenty-six village men worked

653 461 651 on the bridge and each achieved credit for a day's corvee work. They often got in each other's way, i.e., I watched four men struggling to carry a single bamboo pole which one man could have carried in one hand without much effort.

There is a latent effect which may be evident to village leaders and political officials. Men are able to do "good" for the community without strain and since the work is always confined to their own area, they can see the completed job regularly. Although no one person's contribution to each job amounts to very much, the completed project is useful and worthwhile. For example, the bridge described above saved up to half a mile walk to the next closest foot bridge. Men work together cooperatively in a large group, the only large work groups ever seen in the village. Finally, because of the great excess of men over what is reasonably needed for a job, there is much time for joking and friendly conversation. Although only men do corvee labor, women always gather to watch and pass remarks so that in essence, every corvee job we observed in the village was a gay occasion.